DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

NOVEL ENZYMES WHICH DEHYDRATE GLYCEROL

and for which a patent application:

□ is attached hereto and includes amendment(s) filed on (if applicable)

was filed in the United States on September 24, 1999 as Application No. 09/405,692 (for declaration not accompanying application)

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us filed as PCT international Application No. on and was amended under PCT Article 19 on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

Tacknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

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EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION					
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED		
±:			YES - NO -		
			YES D NO D		

thereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter feach of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

ADDI ICATIONI OFDIAL NO		STATUS		
APPLICATION SERIAL NO. FILING DATE	PATENTED	PENDING	ABANDONED	
		<u> </u>		

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24616), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 20258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 36828), Kelly D. Talcott (Reg. No. 37882), and Mark A. Farley (Reg. No. 33170) and, all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attomeys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SENI	O CORRESPONDENCE	PENNIE & EDMONDS up 1155 Avenue of the America New York, N.Y. 10036-2711	s PENNIE &	TELEPHONE CALLS T & EDMONDS _{LLP} DOCK -2803	
	FULL NAME OF INVENTOR	LAST NAME Seyfried	FIRST NAME Markus	MIDDLE NAME	
2 0 I	RESIDENCE & CITIZENSHIP	CITY Silver Springs	STATE OR FOREIGN COUNTRY Maryland	COUNTRY OF CITIZENSHIP Germany	
	POST OFFICE ADDRESS	STREET 8403 16th Street	CITY Silver Springs	STATE OR COUNTRY MD	ZIP CODE 20910
	FULL NAME OF INVENTOR	LAST NAME Wiegel	FIRST NAME Juergen	MIDDLE NAME	
0 2	RESIDENCE & CITIZENSHIP	cmy Athens	STATE OR FOREIGN COUNTRY Georgia	COUNTRY OF CITIZENSHIP Germany	
	POST OFFICE ADDRESS	STREET 215 Biol. Sciences	CITY Athens	STATE OR COUNTRY GA	ZIP CODE 30602-2605
1	FULL NAME OF INVENTOR	LAST NAME Whited	FIRST NAME Gregory	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Belmont	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP U.S.A.	
. W	POST OFFICE ADDRESS	STREET 304 South Rd	спу Belmont	STATEOR COUNTRY CA	ZIP CODE 94002
LLI	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
2 0	RESIDENCE & CITIZENSHIP	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	СІТУ	STATE OR COUNTRY	ZIP CODE
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
0 5	RESIDENCE & CITIZENSHIP	спу	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	СПУ	STATE OR COUNTRY	ZIP CODE
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
2 0 6	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	СПУ	STATE OR COUNTRY	ZIP CODE

SIGNATURE OF INVENTOR 201 Markus Seyfried	SIGNATURE OF INVENTOR 202 Juergen Wiegel	SIGNATURE OF INVENTOR 203 Gregory Whited
DATE	DATE	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE 18/21/01

(2) CA1 - 282494.1

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EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION					
APPLICATION NUMBER	· COUNTRY	DATE OF FILING (day, month, year)	PRIORITY . CLAIMED		
-			YES D NO D		
			YES 🗆 NO 🗆		

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE	
	·	

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(I) CA1 - 282494.1

SEN	D CORRESPONDENC	PENNIE & EDMONDS LLP 1155 Avenue of the America New York, N.Y. 10036-271	as PENNIE	TELEPHONE CALLS & EDMONDS LLP DOC 0-2803	
	FULL NAME OF INVENTOR	LAST NAME Seyfried	FIRST NAME Markus	HMAN BEKINIM	
2 0 I	RESIDENCE & CITIZENSHIP	CITY Silver Springs	STATE OR FOREIGN COUNTRY Maryland	COUNTRY OF CITIZENSHIP Germany	
	POST OFFICE ADDRESS	STREET 8403 16th Street	CITY Silver Springs	STATE OR COUNTRY MD	ирсов; 20910
	FULL NAME OF INVENTOR	LAST NAME Wiegel	FIRST NAME Juergen	HINDRIE HERCHIM	
2 0 2	RESIDENCE & CITIZENSHIP	Athens	STATE OR FOREIGN COUNTRY Georgia	COUNTRY OF CHIZENSHIP Germany	
1 1	POST OFFICE ADDRESS	STREET 215 Biol. Sciences	спу Athens	STATE OR COUNTRY GA	zıғсом: 30602-2605
	FULL NAME OF INVENTOR	LAST NAME Whited	FIRST NAME Gregory	MIDDLE NAME	
2 0 3	RESIDENCE & CITIZENSHIP	стту Belmont	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP U.S.A.	
1	POST OFFICE ADDRESS	STREET 304 South Rd 925 Pagemill Road	Palo Alto Belment	STATE OR COUNTRY CA	21P COINE 94062 94303-1013
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAMI:	MIDDLE NAME	
2	RESIDENCE & CITIZENSHIP	спү	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
j.	POST OFFICE ADDRESS	STRUAT	СІТҮ	STATE OR COUNTRY	ZIP CODE
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
0 5	RESIDENCE & CITIZENSHIP	спү	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	СПҮ	STATE OR COUNTRY	ZIP CODE
	FULL NAME OF INVENTOR	LANT NAME	FIRST NAME	MIDDLE NAME	
2 0 6	RESIDENCE & CITIZENSHIP	спу	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	СПТУ	STATE OR COUNTRY	ZIP CODE

SKINATURE OF INVENTOR 201 Markus Seyfried	SIGNATURE OF INVENTOR 202 Juergen Wiegel	SKINATURE OF INVENTOR 203 Gregory Whited
		An White
DATE	DATE	12/9/99
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 20G
DATE	DATE	DATE

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	APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
<u>. </u>				YES D NO D
				YES - NO -

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(I)

SEN	D CORRESPONDENCE	PENNIE & EDMONDS 1135 1155 Avenue of the America New York, N.Y. 10036-271			ELEPHONE CALLS T EDMONDS 11.P DOCK 803	
	FULL NAME OF INVENTOR	.t.ast NAMI: Scyfried	FIRST NAMI: Markus		BMAN SLICKIIM	
2 0 1	RESIDENCE & CITIZENSHIP	CITY Silver Springs	STATE OR POREKIN COUNTRY Maryland		COUNTRY OF CITEZENSHIP Germany	
	POST OFFICE ADDRESS	STREET 8403 16th Street	CITY Silver Springs		STATE OR COUNTRY MD	ин соня: 20910
	FULL NAME OF INVENTOR	LAST NAME Wiegel	FIRST NAMI: Juergen		BMAN BLICKBIM	
2 0 2	RESIDENCE & CITIZENSHIP	Athens	STATE OR FOREIGN COUNTRY Georgia		COUNTRY OF CHIZENSHIP Germany	
	POST OFFICE ADDRESS	STRUETT 215 Biol. Sciences	CITY Athens		STATEOR COUNTRY GA	личения 30602-2605
<u></u>	FULL NAME OF INVENTOR	LANT NAMI: Whited	FIRST NAME: Gregory		IIMAN ILKKIIM	·
2 0 3	RESIDENCE & CITIZENSHIP	CITY STATE OF FOREIGN COUNTRY Belmont California		COUNTRY OF CHIZZENSHIP U.S.A.		
1.1	POST OFFICE ADDRESS	STREET 925 Pagemill Road	Palo Alto		STATE OR COUNTRY CA	инстия: 94303-1013
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME		HMAN ELKEIIM	
2 0 4	RESIDENCE & CITIZENSHIP	СПУ	STATE OR FOREIGN COUNTRY		COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY		STATE OR COUNTRY	SICO PAGE
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME		HAMA HIKKIIM	
≟ 2 0 5	RESIDENCE & CITIZENSHIP	спу	STATE OR FUREKIN COUNTRY	·	COUNTRY OF CITIZENSIIP	
	POST OFFICE ADDRESS	STREET	спт		STATE OR COUNTRY	ZIP CCNN;
	FULL NAME OF INVENTOR	LASTNAME	FIRST NAME		MIDDLE NAME	
2 0 6	RESIDENCE & CITIZENSHIP	спу	STATE OR FOREIGN COUNTRY		COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	стү		STATE OR COUNTRY	ZIP CYXXII

SKINATURUS OF INVIENTER 201 Markus Scyfried	SKINATURE OF EVENTUR 202 Juergen Wiegel	SKINATURIE OF INVENTOR 203 Gregory Whited
DATI:	11/8/99	DATE:
REMATURE OF INVENTOR 2M	SKINATURE OF INVIENTUR 205	SKINATURE OF INVENTOR 206
пап:	DATE	DATI:

(2)

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			YES □	NO 🗆
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(I)

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	FULL NAME OF INVENTOR	LAST NAME Seyfried	FIRST NAMI: Markus	MIDIRJE NAMIE	
2 0 1	RESIDENCE & CITIZENSHIP	city Silver Spring	STATE OR FOREIGN COUNTRY Maryland	COUNTRY OF CITIZENSHIP Germany	
	POST OFFICE ADDRESS	8403 16th Street	CITY Silver Springs	STATE OR COUNTRY MD	zпесоия: 20910
	FULL NAME OF INVENTOR	LAST NAME Wiegel	FIRST NAME JUETGEN	MDDLE NAME	
2 0 2	RESIDENCE & CITIZENSHIP	CITY Athens	STATE OR FOREIGN COUNTRY Georgia	COUNTRY OF CITIZENSHIP Germany	
	POST OFFICE ADDRESS	STRUBET 215 Biol. Sciences	спү Athens	STATE OR COUNTRY GA	инсов: 30602-2605
	FULL NAME OF INVENTOR	LAST NAME Whited	FIRST NAME Gregory	MINDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Belmont	STATEOR FOREKINCOUNTRY California	COUNTRY OF CITIZENSHIP U.S.A.	
 4	POST OFFICE ADDRESS	925 Pagemill Road	CITY Palo Alto	STATE OR COUNTRY CA	ин солк 94303-1013
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
2 0 4	RESIDENCE & CITIZENSHIP	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ХІР СООЖ
	FULL NAME OF INVENTOR	LAST NAMI:	FIRST NAME	MIDDLE NAME	
2 0 5	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	ктиват	спу	STATE OR COUNTRY	XIP СОЭЖ
	FULL NAME OF INVENTOR	LAST NAME	FIRNT NAME	IMAN ILKIDIM	
2 0 6	RESIDENCE & CITIZENSHIP	СІТУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	спү	STATI: OR COUNTRY	FKKY) PLS

SIGNATURE OF INVENTOR 201 Markus Seyfried	SIGNATURE OF INVENTOR 202 Juergen Wiegel	SRSNATURE OF INVENTOR 203 Gregory Whited
Mals (l)		
11-05-99	DATIE	DATE:
SRINATURE OF INVENTOR 266	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATI:	DATI:

(2)